



Date of Notice of Allowance: 03/09/06  
Serial No.: 09/842,991

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Dayton, Ohio

NCR Docket No. 9558

Application of:

LUO, G. et al.

Group Art Unit: 2164

Serial No. 09/842,991

Examiner: Leslie Wong

Filed: April 26, 2001

For: METHOD AND APPARATUS FOR PERFORMING HASH JOIN

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**LETTER TO THE OFFICIAL DRAFTSMAN**

Sir:

Enclosed are formal drawings of Figures 1A, 1B, 2-7, 8A,8B, and 9 for the above-identified patent application. Please substitute the enclosed formal drawings for the originally filed informal drawings of Figures 1A, 1B, 2-7, 8A,8B, and 9, which were provided with the patent application when filed on April 26, 2001.

Two duplicate copies of the enclosed drawing sheets are provided for the convenience of the Office.

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**CERTIFICATION OF MAILING UNDER 37 CFR 1.8**

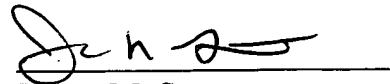
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 6/8/06.

By: Michelle George

Name: Michelle George

The Commissioner is hereby authorized to charge any fees that may be required to NCR Corporation, Deposit Account No. 14 0225.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'J M Stover', is written over a horizontal line.

James M. Stover

Reg. No. 32,759

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